

Amendments to the Claims:

Please amend claims 1, 9, 12, and 13, and cancel claims 2 and 16-29, as shown in the following claim listing.

Listing of Claims:

1. (Currently amended) An optical body comprising at least a first effective optical packet of contiguous optical layers bounded by optically thick layers, the optical layers composed of alternating diverse materials A,B;

wherein the optical layers when counted from one end of the first effective optical packet form a plurality of unit cells each having six optical layers arranged in relative optical thicknesses in a first cyclic permutation of 7A1B1A7B1A1B;

wherein at normal incidence the first effective optical packet provides a reflection band at infrared wavelengths and substantially transmits light at visible wavelengths;

wherein the materials A,B have refractive indices that satisfy a relationship $n_A > n_B$ along at least one in-plane axis, and wherein the optically thick layers that bound the first effective optical packet have a refractive index n_C along the at least one in-plane axis;

wherein the optical body exhibits a variability in transmission over a visible wavelength range; and

~~wherein said variability in transmission is lower than that exhibited by a second optical body identical to the first mentioned optical body except for having a second effective optical packet substituted for the first effective optical packet, the second effective optical packet having optical layers arranged in a second cyclic permutation of 7A1B1A7B1A1B different from the first cyclic permutation.~~

wherein a first optical layer disposed at the one end of the first effective optical packet and a second optical layer disposed at an opposite end of the first effective optical packet are selected from among the sequence of six optical layers 7A1B1A7B1A1B to reduce said variability in transmission.

2. (Cancelled).
3. (Original) The optical body of claim 1, wherein the first effective optical packet consists essentially of an integer number of unit cells.
4. (Original) The optical body of claim 1, wherein the first effective optical packet consists essentially of a noninteger number of unit cells.
5. (Original) The optical body of claim 1, wherein $n_A > n_C > n_B$, and wherein the first effective optical packet exhibits reverse symmetry or reverse pseudo-symmetry with respect to a plane in the packet.
6. (Original) The optical body of claim 1, wherein n_C equals one of n_A and n_B , and wherein the first effective optical packet exhibits symmetry or pseudo-symmetry with respect to a plane in the packet and wherein the first effective optical packet consists essentially of one optical layer less than an integer number of unit cells.
7. (Original) The optical body of claim 1, wherein the optical body further comprises a first layer of glazing material.
8. (Original) The optical body of claim 7, wherein the optical body further comprises a second layer of glazing material, and the first effective optical packet is disposed between the first and second layers of glazing material.
9. (Currently amended) The optical body of claim 8, further comprising a layer including PVB polyvinyl butyral (PVB) disposed between the first effective optical packet and each of the first and second layers of glazing material.

10. (Original) The optical body of claim 1, wherein the unit cells within the first effective optical packet have optical thicknesses that vary along a thickness axis of the packet according to a layer thickness gradient.

11. (Original) The optical body of claim 1, wherein the optical body reflects at least 50% of light in a band at least 100 nm wide positioned between wavelengths from about 700 nm to about 2000 nm.

12. (Currently amended) The optical body of claim 1, wherein the optical body comprises ~~a third~~ an additional effective optical packet having a contiguous arrangement of ~~third~~ additional unit cells of like design, each such ~~third~~ additional unit cell consisting essentially of two optical layers.

13. (Currently amended) The optical body of claim 1, wherein ~~[[a]] the first optical layer disposed at the one end of the first effective optical packet and [[a]] the second optical layer disposed at an opposite end of the first effective optical packet are selected from among the sequence of six optical layers 7A1B1A7B1A1B~~ [[a]] the first optical layer to minimize said variability in transmission.

14. (Original) The optical body of claim 1, wherein said variability in transmission is evaluated from 400 to 600 nm.

15. (Original) The optical body of claim 1, wherein said variability in transmission is evaluated from 400 to 700 nm.

16-29. (Cancelled).